

CONTINUOUS PRODUCTION OF CHLORODIFLUOROACETYL
FLUORIDE VIA CHLOROTRIFLUOROETHYLENE OXIDATION

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ABSTRACT OF THE DISCLOSURE

10 The invention pertains to a process for preparing chlorodifluoroacetyl fluoride
(CDAF) by oxidation of chlorotrifluoroethylene (CTFE) in a solvent using a
continuously stirred tank reactor. It provides a process for the production of
chlorodifluoroacetyl fluoride by comprises reacting a solvent solution of
chlorotrifluoroethylene with oxygen in a reactor to form a product which
15 comprises chlorodifluoroacetyl fluoride. The reacting may be conducted in a
continuous or batch mode.